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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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09/813,498

03/21/2001

Sharada Yeluri

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10/31/2005

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EXAMINER

PAN, DANIEL H

ART UNIT

PAPER NUMBER

2183

DATE MAILED: 10/31/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | | | |
|------------------------------|------------------------|--|---------------------|--|
| Office Action Summary | Application No. | | Applicant(s) | |
| | 09/813,498 | | YELURI, SHARADA | |
| | Examiner | | Art Unit | |
| | Daniel Pan | | 2183 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 August 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4, 6-8, 21-24, 26, 28 and 30 is/are pending in the application.
- 4a) Of the above claim(s) 5, 9-20, 25, 27, 29 and 31 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-4, 6-8, 21-24, 26, 28 and 30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

1. Claims 1-4,6-8,21-24,26,28 , 30 remain for examination. Claims 5,9-20,25,27,29,31 have been canceled.

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action'.

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1, 2,3, 8, 28,30 are rejected under 35 U.S.C. 102(b) as being anticipated by Kurosawa et al. (5,881 ,264) .

3. No amendment has been made.

4. Claims 4,6,7,. 21,22,23,24,26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kurosawa 5,881 ,264 in view of Ramagopal et al. (6,473,832)

5. No amendment has been made.

6. The rejections are maintained and incorporated by reference the last Office action on 05/13/05.

7. The response filed on 08/12/05 has been fully considered but is not persuasive.

8. In the remarks, applicant argued that :

- a) Kurosawa's entry "No. 2" is not an entry;
- b) Kurosawa did not identify and invalidate a scoreboard entry based on entry number ;
- c) Kurosawa did not teach the indication that included corresponding index into the scoreboard;

9. As to a) above, examiner would like to point out the in fig. 2 of Kurosawa, shows a scoreboard with plurality of entries. If the No. 2 were not directed to an entry, what else could it be ? The examiner believes that an entry in the scoreboard needs a number of the like, to designate the order of the entry, otherwise , the scoreboard entries would not have been in a proper order.

10. As to b) above, 1-7) , Kurosawa included an indication including identifying (see the index of READ instruction 37s8ec) and invalidating (see the invalid bit entry in fig.3) based on the received scoreboard index (see the invalid bit (1) in col.8, lines 4-12, lines 49-53). Kurosawa must have included the entry number as an index because without the entry number, the system would not have properly identified which entry was invalidated. Since no specific format of index has been reflected into the claim, it is read as any number or value used to identify the scoreboard entry.

As to c), Kurosawa included an indication (see the synchronization event) including an index (see index 3758c of the READ instruction in col.8, lines 4-12, lines 49-53). Examiner believes that just the word "index" is not distinguishable over the prior art unless the format , or the type of the index is also being recited into the claim. Examiner welcomes applicant's feedback in the next response. Since this action by examiner raises the interpretation of the word "index"

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, and requires further comments from applicant, this is a non-final action in order to clarify the issue and to allow applicant a chance to respond .

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dan Pan whose telephone number is 703 305 9696, or the new number 571 272 4172. The examiner can normally be reached on M-F from 8:30 AM to 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chan, can be reached on 703 305 9712, or the new number 571 272 4162. The fax phone number for the organization where this application or proceeding is assigned is 703 306 5404.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

21 Century Strategic Plan

DANIEL H. PAN
PRIMARY EXAMINER
GPO